Name of Work: Maintenance of roads footpath and Providing kerbs in ward no 13 Mallasandra Shettyhalli Sub Division.

Pre Measurements

Pre measurement recorded on:

Item No	Description of Item	No	L	B1	B2	B (Avg)	D	Qty	Unit
2	Earthwork excavation by manual means for roads, drains & similar works in ordinary soil invoiving , excavated surface leveled & sides neatly dressed , the disposed earth to be levelled neatly after breaking of clods complete as per specification								
	For Desilting of drains								
	2nd Main Road near Bengaluru one								
		2	30.00	0.60	0.60	0.60	0.45	16.20	
		2	19.00	0.60	0.60	0.60	0.45	10.26	
	3rd Main Road Near Indira Canteen								
		2	30.00	0.60	0.60	0.60	0.45	16.20	
		2	30.00	0.60	0.60	0.60	0.45	16.20	
		2	30.00	0.60	0.60	0.60	0.45	16.20	
		2	30.00	0.60	0.60	0.60	0.45	16.20	
		2	30.00	0.60	0.60	0.60	0.45	16.20	
		2	15.00	0.60	0.60	0.60	0.45	8.10	
	For Asphalt Road								
	2nd Main Road near Bengaluru one								
		2	6.30	1.20	1.20	1.20	0.25	3.78	
		2	30.00	1.20	1.20	1.20	0.25	18.00	
		2	30.00	1.20	1.20	1.20	0.25	18.00	
		2	30.00	1.20	1.20	1.20	0.25	18.00	
		2	30.00	1.20	1.20	1.20	0.25	18.00	
		2	30.00	1.20	1.20	1.20	0.25	18.00	
		2	8.80	1.20	1.20	1.20	0.25	5.28	
	3rd Main Road Near Indira Canteen								
		2	30.00	1.20	1.20	1.20	0.25	18.00	
		2	10.00	1.20	1.20	1.20	0.25	6.00	
		2	4.00	1.20	1.20	1.20	0.25	2.40	
		2	4.90	1.20	1.20	1.20	0.25	2.94	
	Cross Road	2	30.00	0.60	0.60	0.60	0.25	9.00	
	For Cement Concrete Road								
	11th Cross	2	15.00	1.20	1.20	1.20	0.30	10.80	
		2	15.00	1.20	1.20	1.20	0.30	10.80	
		2	15.00	1.20	1.20	1.20	0.30	10.80	
	11th A Cross	2	13.00	1.20	1.20	1.20	0.30	9.36	
		2	15.00	1.20	1.20	1.20	0.30	10.80	
		2	15.00	1.20	1.20	1.20	0.30	10.80	
		2	15.00	1.20	1.20	1.20	0.30	10.80	
		2	15.00	1.20	1.20	1.20	0.30	10.80	
		2	15.00	1.20	1.20	1.20	0.30	10.80	
		2	15.00	1.20	1.20	1.20	0.30	10.80	
		2	15.00	1.20	1.20	1.20	0.30	10.80	
		2	7.00	1.20	1.20	1.20	0.30	5.04	

Scanned with CamScanner

Name of Work: Maintenance of roads footpath and Providing kerbs in ward [illegible] Shettyhalli Sub Division.

Pre Measurements

Pre measurement recorded on:

Item No	Description of Item	No	L	B1	B2	B (Avg)	D	Qty	Unit
		2	15.00	1.20	1.20	1.20	0.30	10.80	
		2	15.00	1.20	1.20	1.20	0.30	10.80	
		2	15.00	1.20	1.20	1.20	0.30	10.80	
		2	15.00	1.20	1.20	1.20	0.30	10.80	
		2	15.00	1.20	1.20	1.20	0.30	10.80	
		2	8.00	1.20	1.20	1.20	0.30	5.76	
	Cross road								
		2	15.00	1.20	1.20	1.20	0.30	10.80	
		2	12.00	1.20	1.20	1.20	0.30	8.64	
	Cross Road near Party Hall								
		2	11.90	1.20	1.20	1.20	0.30	8.57	
		2	15.00	1.20	1.20	1.20	0.30	10.80	
		2	15.00	1.20	1.20	1.20	0.30	10.80	
		2	8.00	1.20	1.20	1.20	0.30	5.76	
	7th Cross (old 3rd Main)								
		2	15.00	1.20	1.20	1.20	0.30	10.80	
		2	15.00	1.20	1.20	1.20	0.30	10.80	
		2	15.00	1.20	1.20	1.20	0.30	10.80	
		2	15.00	1.20	1.20	1.20	0.30	10.80	
		2	15.00	1.20	1.20	1.20	0.30	10.80	
		2	11.00	1.20	1.20	1.20	0.30	7.92	
	4th E Cross								
		1	15.00	2.50	2.50	2.50	0.30	11.25	
		1	15.00	2.50	2.50	2.50	0.30	11.25	
		1	15.00	2.50	2.50	2.50	0.30	11.25	
		1	8.00	2.50	2.50	2.50	0.30	6.00	
	For Cement Concrete Road (Cutting Portion)								
	11th Cross								
		2	15.00	0.60	0.60	0.60	0.30	5.40	
		2	15.00	0.60	0.60	0.60	0.30	5.40	
		2	15.00	0.60	0.60	0.60	0.30	5.40	
	11th A Cross								
		2	13.00	0.60	0.60	0.60	0.30	4.68	
		2	15.00	0.60	0.60	0.60	0.30	5.40	
		2	15.00	0.60	0.60	0.60	0.30	5.40	
		2	15.00	0.60	0.60	0.60	0.30	5.40	
		2	15.00	0.60	0.60	0.60	0.30	5.40	
		2	15.00	0.60	0.60	0.60	0.30	5.40	
		2	15.00	0.60	0.60	0.60	0.30	5.40	
		2	15.00	0.60	0.60	0.60	0.30	5.40	
		2	15.00	0.60	0.60	0.60	0.30	5.40	
		2	7.00	0.60	0.60	0.60	0.30	2.52	
		2	15.00	0.60	0.60	0.60	0.30	5.40	
		2	15.00	0.60	0.60	0.60	0.30	5.40	
		2	15.00	0.60	0.60	0.60	0.30	5.40	
		2	15.00	0.60	0.60	0.60	0.30	5.40	
		2	15.00	0.60	0.60	0.60	0.30	5.40	
		2	8.00	0.60	0.60	0.60	0.30	2.88	
	Cross road								

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Pre Measurements

Pre measurement recorded on:

Item No	Description of Item	No	L	B1	B2	B (Avg)	D	Qty	Unit
5	Providing and laying in position plain cement concrete of Mix 1:3:6 with OPC @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM curing complete as per specifications.								
	For Cement Concrete Road								
	11th Cross								
		2	15.00	1.20	1.20	1.20	0.15	5.40	
		2	15.00	1.20	1.20	1.20	0.15	5.40	
		2	15.00	1.20	1.20	1.20	0.15	5.40	
	11th A Cross								
		2	13.00	1.20	1.20	1.20	0.15	4.68	
		2	15.00	1.20	1.20	1.20	0.15	5.40	
		2	15.00	1.20	1.20	1.20	0.15	5.40	
		2	15.00	1.20	1.20	1.20	0.15	5.40	
		2	15.00	1.20	1.20	1.20	0.15	5.40	
		2	15.00	1.20	1.20	1.20	0.15	5.40	
		2	15.00	1.20	1.20	1.20	0.15	5.40	
		2	15.00	1.20	1.20	1.20	0.15	5.40	
		2	15.00	1.20	1.20	1.20	0.15	5.40	
		2	15.00	1.20	1.20	1.20	0.15	5.40	
		2	7.00	1.20	1.20	1.20	0.15	2.52	
		2	15.00	1.20	1.20	1.20	0.15	5.40	
		2	15.00	1.20	1.20	1.20	0.15	5.40	
		2	15.00	1.20	1.20	1.20	0.15	5.40	
		2	15.00	1.20	1.20	1.20	0.15	5.40	
		2	15.00	1.20	1.20	1.20	0.15	5.40	
		2	8.00	1.20	1.20	1.20	0.15	2.88	
	Cross road								
		2	15.00	1.20	1.20	1.20	0.15	5.40	
		2	12.00	1.20	1.20	1.20	0.15	4.32	
	Cross Road near Party Hall								
		2	11.90	1.20	1.20	1.20	0.15	4.28	
		2	15.00	1.20	1.20	1.20	0.15	5.40	
		2	15.00	1.20	1.20	1.20	0.15	5.40	
		2	8.00	1.20	1.20	1.20	0.15	2.88	
	7th Cross (old 3rd Main)								
		2	15.00	1.20	1.20	1.20	0.15	5.40	
		2	15.00	1.20	1.20	1.20	0.15	5.40	
		2	15.00	1.20	1.20	1.20	0.15	5.40	
		2	15.00	1.20	1.20	1.20	0.15	5.40	
		2	15.00	1.20	1.20	1.20	0.15	5.40	
		2	11.00	1.20	1.20	1.20	0.15	3.96	
	4th E Cross								
		1	15.00	2.50	2.50	2.50	0.15	5.63	
		1	15.00	2.50	2.50	2.50	0.15	5.63	
		1	15.00	2.50	2.50	2.50	0.15	5.63	
		1	8.00	2.50	2.50	2.50	0.15	3.00	
	Deductions								
	Manholes								

Scanned with CamScanner

Shettyhalli Sub Division

Pre Measurements

Pre measurement recorded on:

Item No	Description of Item	No	L	B1	B2	B (Avg)	D	Qty	Unit
		2	15.00	0.60	0.60	0.60	0.30	5.40	
		2	12.00	0.60	0.60	0.60	0.30	4.32	
	Cross Road near Party Hall								
		2	11.90	0.60	0.60	0.60	0.30	4.28	
		2	15.00	0.60	0.60	0.60	0.30	5.40	
		2	15.00	0.60	0.60	0.60	0.30	5.40	
		2	10.00	0.60	0.60	0.60	0.30	3.60	
	7th Cross (old 3rd Main)								
		2	15.00	0.60	0.60	0.60	0.30	5.40	
		2	15.00	0.60	0.60	0.60	0.30	5.40	
		2	15.00	0.60	0.60	0.60	0.30	5.40	
		2	15.00	0.60	0.60	0.60	0.30	5.40	
		2	15.00	0.60	0.60	0.60	0.30	5.40	
		2	12.00	0.60	0.60	0.60	0.30	4.32	
	4th E Cross								
		1	15.00	0.60	0.60	0.60	0.30	2.70	
		1	15.00	0.60	0.60	0.60	0.30	2.70	
		1	15.00	0.60	0.60	0.60	0.30	2.70	
		1	8.00	0.60	0.60	0.60	0.30	1.44	
	Deductions								
	Manholes								
	11th Cross	-8	0.785	0.90	0.90	0.90	0.30	-1.70	
	11th A Cross	-2	0.785	0.90	0.90	0.90	0.30	-0.42	
	7th Cross (old 3rd Main)	-3	0.785	0.90	0.90	0.90	0.30	-0.64	
	2nd Main Road near Bengaluru one	-5	0.785	0.90	0.90	0.90	0.25	-0.88	
	3rd Main Road Near Indira Canteen	-1	0.785	0.90	0.90	0.90	0.25	-0.18	
	Electrical Poles								
	7th Cross (old 3rd Main)	-4	0.20	0.30	0.30	0.30	0.30	-0.07	
	Tank								
	2nd Main Road near Bengaluru one	-1	1.00	1.00	1.00	1.00	0.25	-0.25	
	Ramps								
	2nd Main Road near Bengaluru one	-1	9.10	0.90	0.90	0.90	0.25	-2.05	
		-1	3.00	0.75	0.75	0.75	0.25	-0.56	
		-1	8.40	0.90	0.90	0.90	0.25	-1.89	
		-1	7.00	0.75	0.75	0.75	0.25	-1.31	
							Present Qty =	758.75	Cum
							Limited Qty =	749.76	Cum

12/05/21
Assistant Engineer
Ward No.13

Assistant Executive Engineer
Shettyhalli Sub Division
ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

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Sub Division.

Pre Measurements

Pre measurement recorded on:

Item No	Description of Item	No	L	B1	B2	B (Avg)	D	Qty	Unit
6	Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406								
	For Asphalt Road								
	2nd Main Road near Bengaluru one								
		2	6.30	1.20	1.20	1.20	0.20	3.02	
		2	30.00	1.20	1.20	1.20	0.20	14.40	
		2	30.00	1.20	1.20	1.20	0.20	14.40	
		2	30.00	1.20	1.20	1.20	0.20	14.40	
		2	30.00	1.20	1.20	1.20	0.20	14.40	
		2	30.00	1.20	1.20	1.20	0.20	14.40	
		2	8.80	1.20	1.20	1.20	0.20	4.22	
	3rd Main Road Near Indira Canteen								
		2	30.00	1.20	1.20	1.20	0.20	14.40	
		2	10.00	1.20	1.20	1.20	0.20	4.80	
		2	4.00	1.20	1.20	1.20	0.20	1.92	
		2	4.90	1.20	1.20	1.20	0.20	2.35	
	Cross Road								
		2	30.00	0.60	0.60	0.60	0.20	7.20	
	For Cement Concrete Road								
	4th E Cross								
		1	15.00	2.50	2.50	2.50	0.20	7.50	
		1	15.00	2.50	2.50	2.50	0.20	7.50	
		1	15.00	2.50	2.50	2.50	0.20	7.50	
		1	8.00	2.50	2.50	2.50	0.20	4.00	
	Deductions								
	Manholes								
	2nd Main Road near Bengaluru one	-5	0.785	0.90	0.90	0.90	0.20	-0.71	
	3rd Main Road Near Indira Canteen	-1	0.785	0.90	0.90	0.90	0.20	-0.14	
	Tank								
	2nd Main Road near Bengaluru one	-1	1.00	1.00	1.00	1.00	0.20	-0.20	
	Ramps								
	2nd Main Road near Bengaluru one	-1	9.10	0.90	0.90	0.90	0.20	-1.64	
		-1	3.00	0.75	0.75	0.75	0.20	-0.45	
		-1	8.40	0.90	0.90	0.90	0.20	-1.51	
		-1	7.00	0.75	0.75	0.75	0.20	-1.05	
							Present Qty=	**130.72**	**Cum**
							Limited Qty =	**123.12**	**Cum**

16/06/21
03/07/21
08/07/21

Assistant Engineer
Ward No.13

Assistant Executive Engineer
Shettyhalli Sub-Division
8.7.21

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ
ಪಶ್ಚಿಮ ವಲಯ, ಬೆಂಗಳೂರು

Scanned with CamScanner

Name of Work: Maintenance of roads footpath and Providing kerbs in ward no 13 Mallasandra Shettyhalli Sub Division.

Pre measurement recorded on: **Pre Measurements**

Item No	Description of Item	No	L	B1	B2	B (Avg)	D	Qty	Unit
9	Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications.do - using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II **(50 mm to 75 mm)** with 4.5 % VG-30 Bitumen								
	For Asphalt Road								
	2nd Main Road near Bengaluru one								
		2	6.30	1.20	1.20	1.20	0.05	0.76	
		2	30.00	1.20	1.20	1.20	0.05	3.60	
		2	30.00	1.20	1.20	1.20	0.05	3.60	
		2	30.00	1.20	1.20	1.20	0.05	3.60	
		2	30.00	1.20	1.20	1.20	0.05	3.60	
		2	30.00	1.20	1.20	1.20	0.05	3.60	
		2	8.80	1.20	1.20	1.20	0.05	1.06	
	3rd Main Road Near Indira Canteen								
		2	30.00	1.20	1.20	1.20	0.05	3.60	
		2	10.00	1.20	1.20	1.20	0.05	1.20	
		2	4.00	1.20	1.20	1.20	0.05	0.48	
		2	4.90	1.20	1.20	1.20	0.05	0.59	
	Cross Road								
		2	30.00	0.60	0.60	0.60	0.05	1.80	
	Deductions								
	Manholes								
	2nd Main Road near Bengaluru one	-5	0.785	0.90	0.90	0.90	0.05	-0.18	
	3rd Main Road Near Indira Canteen	-1	0.785	0.90	0.90	0.90	0.05	-0.04	
	Tank								
	2nd Main Road near Bengaluru one	-1	1.00	1.00	1.00	1.00	0.05	-0.05	
	Ramps								
	2nd Main Road near Bengaluru one	-1	9.10	0.90	0.90	0.90	0.05	-0.41	
		-1	3.00	0.75	0.75	0.75	0.05	-0.11	
		-1	8.40	0.90	0.90	0.90	0.05	-0.38	
		-1	7.00	0.75	0.75	0.75	0.05	-0.26	
							Present Qty=	**26.06**	**Cum**
							Limited Qty=	**25.68**	**Cum**

13/07/21

Assistant Engineer
Ward No.13.

Assistant Executive Engineer
Shettyhalli Sub-Division 13.7.21

Scanned with CamScanner

Name of Work: Maintenance of roads footpath and Providing kerbs in ward no 13 Mallasandra Shettyhalli Sub Division.

Pre Measurements

Pre measurement recorded on:

Item No	Description of Item	No	L	B1	B2	B (Avg)	D	Qty	Unit
12	Providing and laying bituminous concrete using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications - do - using40/60 TPH capacity H.M.P. with Mechanical Paver Gr-II **(30 mm to 40 mm)** with 5.4% VG-30 Bitumen								
	For Asphalt Road								
	2nd Main Road near Bengaluru one								
		1	6.30	8.40	5.00	6.70	0.03	1.27	
		1	30.00	4.00	4.80	4.40	0.03	3.96	
		1	30.00	4.80	5.00	4.90	0.03	4.41	
		1	30.00	5.00	5.40	5.20	0.03	4.68	
		1	30.00	5.40	5.30	5.35	0.03	4.82	
		1	30.00	5.30	5.70	5.50	0.03	4.95	
		1	8.30	5.70	5.90	5.80	0.03	1.44	
	3rd Main Road Near Indira Canteen								
		1	30.00	5.30	5.10	5.20	0.03	4.68	
		1	10.00	5.10	5.00	5.05	0.03	1.52	
		1	4.00	5.00	5.00	5.00	0.03	0.60	
		1	4.90	5.00	7.50	6.25	0.03	0.92	
	Cross Road								
		1	30.00	3.80	4.00	3.90	0.03	3.51	
	Deductions								
	Manholes								
	2nd Main Road near Bengaluru one	-5	0.785	0.90	0.90	0.90	0.03	-0.11	
	3rd Main Road Near Indira Canteen	-1	0.785	0.90	0.90	0.90	0.03	-0.02	
	Tank								
	2nd Main Road near Bengaluru one	-1	1.00	1.00	1.00	1.00	0.03	-0.03	
	Ramps								
	2nd Main Road near Bengaluru one	-1	10.00	0.90	0.90	0.90	0.03	-0.27	
		-1	8.00	0.75	0.75	0.75	0.03	-0.18	
							Present Qty=	**36.14**	**Cum**
							Limited Qty=	**33.18**	**Cum**

14/07/21

Assistant Engineer
Ward No.13

Assistant Executive Engineer
Shettyhalli Sub-Division
14.7.21

Scanned with CamScanner